

CROSS-OVER VOLTAGE LOCK FOR DIFFERENTIAL OUTPUT DRIVERS

ABSTRACT

5 An apparatus comprising a first differential output driver to provide a single
ended output voltage in response to an input voltage, a second differential output
driver to provide a single ended output in response to the input voltage where the
first output voltage and the second output voltage are representative of the positive
and inverted input voltage. The apparatus also includes a feedback circuit to
10 monitor the first and second output voltages and apply a bias voltage to at least one
of the first and second output drivers to vary the point where the first and second
output voltages cross-over as the input voltage changes from a first to a second
level.

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